

Attorney  
Docket No.: BU-098XX

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HYDROGEN SEPARATION USING OXYGEN ION-ELECTRON MIXED CONDUCTING MEMBRANES**

The specification of which (check one):

☐ is attached hereto ☐ was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_;  
amended on \_\_\_\_\_ (if applicable).

☒ was filed as PCT International. Appl. No. PCT/US03/11166 on 15 April 2003,  
and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby claim foreign priority benefits under Title 35, USC §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>		<u>Date Filed</u>	<u>Priority Claimed</u>	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, USC §119(e) of any United States provisional application(s) listed below:

<u>60/373,531</u> (Application Number)	<u>18 April 2002</u> (Filing Date)
_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

Express Mail Number  
EV22334622145

Attorney  
Docket No.: BU-098XX

I hereby claim the benefit under Title 35 USC §120 of any United States or International application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application No.)	_____ (Filing Date)	_____ (Patented/pending/abandoned)
_____ (Application No.)	_____ (Filing Date)	_____ (Patented/pending/abandoned)
_____ (Application No.)	_____ (Filing Date)	_____ (Patented/pending/abandoned)

Address all correspondence to:

☒ Customer Number 207

which is associated with the Law Firm of:  
WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP  
Ten Post Office Square  
Boston, Massachusetts 02109  
United States  
Telephone: (617) 542-2290 Fax: (617) 451-0313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First Inventor: Srikanth Gopalan		
City of Residence Norwood	State or Country Massachusetts	Country of Citizenship India
Post Office Address 122 Normandy Drive	City Norwood	State or Country    Zip Code Massachusetts       02062
Signature: (Please sign and date in permanent ink.)  X		Date signed:  X

Attorney  
Docket No.: BU-098XX

Full Name of Second Inventor:			
Uday Pal			
City of Residence	State or Country	Country of Citizenship	
Dover	Massachusetts	United States	
Post Office Address	City	State or Country	Zip Code
2 Old Meadow Road	Dover	Massachusetts	02030
Signature: (Please sign and date in permanent ink.)			Date signed:
X			X

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SHEET 110. 1

**Box No. VIII(iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)**

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes No. VIII, VIII(i) to (v) (in general) and the specific Notes to Box No. VIII(iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior applications: U.S. Provisional Application No. 60/373,531, filed April 18, 2002

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Srikanth Gopalan

Residence: 122 Normandy Drive, Norwood, Massachusetts 02062, United States of America MA  
(city and either US state, if applicable, or country)

Mailing address: 122 Normandy Drive  
Norwood, Massachusetts 02062, United States of A.

Citizenship: India

Inventor's Signature: Srikanth  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: May 2, 2003  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: .....

Residence: .....  
(city and either US state, if applicable, or country)

Mailing address: .....

Citizenship: .....

Inventor's Signature: .....  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII(iv)".